Docket Number: 008312-0307977 PATENT APPLICATION

Clien't Reference: T6KS-03S1010

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

HIROYUKI MINAGUCHI, et al.

Group Art Unit: UNKNOWN

Application No.: UNKNOWN

Examiner: UNKNOWN

Filed: January 29, 2004

Confirmation No.: UNKNOWN

For: ELECTRONIC APPARATUS

## **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents Mail Stop Patent Application P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

Relevance of the non-English language references are discussed in the present specification, see page 2, line 11 for comments and/or the English-language Abstracts of the non-English language attached hereto.

Respectfully submitted,

Date S. Lazar

Registration Number 28872

Date: January 29, 2004

PILLSBURY WINTHROP LLP Telephone: (703) 905-2000 Facsimile: (703) 905-2500

P.O. Box 10500 McLean, VA 22102

| FORM PTO-1449 (modified) To: U.S. Department of Commerce (PW FORM PAT-1449) Patent and Trademark Office |          |  |  |  |          |              | Atty.<br>Dkt. No. | »                             |                         |                     | Ref.     |  |         |  |
|---|----------|--|--|--|----------|--------------|-------------------|-------------------------------|-------------------------|---------------------|----------|--|---------|--|
|   |          |  |  |  |          |              |                   | 0307977                       |                         | T6KS-03S1010        |          |  |         |  |
| INFORMATION DISCLOSURE STATEMENT  |          |  |  |  |          |              |                   | it: HIROYUK                   | MINAGUC                 | HI et al.           |          |  |         |  |
| BY APPLICANT  |          |  |  |  |          |              |                   | Appln. No.: UNKNOWN           |                         |                     |          |  |         |  |
|   |          |  |  |  |          |              |                   | Filing Date: January 29, 2004 |                         |                     |          |  |         |  |
| Date: January 29, 2004 Page 1 of 1  |          |  |  |  |          | 7 P          | er: UNKNOW        |                               | Group Art Unit: UNKNOWN |                     |          |  |         |  |
|   |          | OCUMENTS   | este de la companya d | 1851   |          |              |                   |                               |                         |                     |          |  |         |  |
| Examiner'   |          | Document   | · · · · · · · · · · · · · · · · · · ·  | Date   |          | Name         |                   |                               | Class                   |                     |          | Filing   | Traste. |  |
| s   |          | Number   |  | MM/  | YYYY     | (Family I    | Name of First In  | ventor)                       |                         | Class               | S        | Date   |         |  |
| Initials*   | <u> </u> |  |  |  |          |              |                   |                               |                         |                     |          | (if appropr                                      | riate   |  |
|   | AR       | <del>-</del>                                     |  | <del> </del>                                     |          | -            |                   |                               |                         | <u> </u>            |          |  |         |  |
|   | BR       |  |  | -  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | CR<br>DR |  |  | <del> </del>                                     |          | <del> </del> |                   | <del></del>                   | +                       |                     |          | <del>                                     </del> |         |  |
|   | ER       |  |  | <del> </del>                                     |          |              |                   | <u>-</u> .                    |                         |                     |          |  |         |  |
|   | FR       |  |  | <del>                                     </del> |          |              |                   |                               |                         |                     |          |  |         |  |
|   | GR       |  |  |  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | HR       |  |  |  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | IR       |  |  |  |          |              | _                 |                               |                         |                     |          |  |         |  |
|   | JR       |  |  |  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | KR       |  |  | ļ  |          |              |                   |                               |                         |                     |          | <u> </u>   |         |  |
|   | LR       | <del> </del>                                     |  | ļ  |          |              |                   | ***                           |                         | <u> </u>            | ,        |  |         |  |
|   | MR       |  |  | <del>                                     </del> |          | <u> </u>     |                   |                               |                         |                     |          | ļ  |         |  |
| 14,1884 J. T., 61.7 2155  | NR       |  | - 18 C   - 18 C  | 7738   |          | 1            |                   | AL - 1881 - 1881 - 1881       |                         | <u> </u>            | ******   | <u> </u>   |         |  |
| FOREIGN   | PAT      | ENT DOCUMEN                                      |  |  |          |              |                   |                               |                         | English<br>Abstract |          | Translati<br>Readily                             | ion     |  |
|   |          | Document Date Country Number MM/YYYY             |  | ry Inventor Name                                 |          |              |                   |                               |                         | Available           |          |  |         |  |
|   | 1        | Number   | 1411411  | • • •  |          |              |                   |                               |                         | Enclosed            | INO      | Enclose  | TNo     |  |
|   | OR       | 2002-236523                                      | 08/20  | n2   | Japa     | n            | Ogami et al.      |                               |                         | X                   | 1.00     |  | X       |  |
|   | PR       | 2002 200020                                      | 100/20   | <u> </u>   | Jupa     | •            | - Garri et al.    |                               |                         |                     | $\vdash$ |  | 丫       |  |
|   | QR       |  |  |  | 1        |              |                   |                               |                         |                     | †        | 1  | 1       |  |
|   | RR       |  |  |  |          |              |                   |                               |                         |                     |          |  | Τ       |  |
|   | SR       |  |  |  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | TR       |  |  |  |          |              |                   |                               |                         |                     |          |  |         |  |
|   | UR       |  |  |  |          |              |                   |                               |                         | <u>.</u>            |          |  |         |  |
|   | VR       |  |  |  |          |              |                   |                               |                         |                     |          |  | ┷       |  |
|   | WR       | <del></del>                                      | _  |  |          |              | ļ <u></u>         |                               | · ·-                    |                     | <u> </u> | -  | $\bot$  |  |
|   | XR       |  | 1  |  | <u> </u> |              |                   |                               |                         | <u></u>             | <u> </u> | <u> </u>   | ㅗ       |  |
| OTHER (In   | 1        | ng in this order                                 | Author,  | Title,   | Period   | lical Nam    | e, Date, Pertine  | ent Pages, etc                | <b>)</b>                |                     |          |  |         |  |
|   | YR       |  |  |  |          |              |                   |                               |                         | <u> </u>            | ├        | -  | ┿       |  |
|   | ZR       |  |  |  |          |              |                   |                               |                         | <u> </u>            |          | <del> </del>                                     | +       |  |
|   | AAR      | <del>                                     </del> |  |  | -        |              |                   |                               |                         | <u> </u>            | -        | +  | +       |  |
|   | BBR      | <del>                                     </del> |  |  | _        | <del></del>  | <del></del>       |                               |                         |                     | -        | 1  | +       |  |
|   | DDR      |  |  |  |          |              |                   | <u></u>                       |                         |                     | $\vdash$ | <del>                                     </del> | +       |  |
| 1   |          | 4  |  |  |          |              |                   |                               |                         | 1                   | t        | 1  |         |  |
| Examiner  | 100.     |  |  |  |          |              | Data Ca           | nsidered:                     |                         |                     |          | -  |         |  |